

1653

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/393,441

DATE: 10/23/2000
TIME: 14:20:48

Input Set : A:\420c1.app
Output Set: N:\CRF3\10232000\I393441.raw

ENTERED

4 <110> APPLICANT: Anderson, Christen M.
 5 Davis, Robert E.
 6 Clevenger, William
 7 Wiley, Sandra Eileen
 8 Willer, Scott W.
 9 Szabo, Tomas R.
 10 Ghosh, Soumitra S.
 11 Moos, Walter H.
 12 Pei, Yizhong
 14 <120> TITLE OF INVENTION: PRODUCTION OF ADENINE NUCLEOTIDE TRANSLOCATOR (ANT),
 15 NOVEL ANT LIGANDS AND SCREENING ASSAYS THEREFOR
 17 <130> FILE REFERENCE: 660088.420C1
 19 <140> CURRENT APPLICATION NUMBER: US 09/393,441
 20 <141> CURRENT FILING DATE: 1999-09-08
 22 <160> NUMBER OF SEQ ID NOS: 37
 24 <170> SOFTWARE: FastSEQ for Windows Version 3.0
 26 <210> SEQ ID NO: 1
 27 <211> LENGTH: 894
 28 <212> TYPE: DNA
 29 <213> ORGANISM: Homo sapien
 31 <400> SEQUENCE: 1
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 33 gtctccaaga cccgggtcgc cccatcgag agggtaaac tgctgtcga ggtccacat 120
 34 gccagaaac agatcagtgc tggaaaggag tacaaaggga tcattgattt tgggtgaga 180
 35 atccctaagg agcagggtt cctcttccttc tggagggtta acctggccaa cgtgatccgt 240
 36 tactccccca cccaaatctt caacttcgccc ttcaaggaca agtacaagca gcttttctta 300
 37 ggggggttgg atcggatataa gcgttctgg cgctactttt ctggtaacct ggcgtccgg 360
 38 gggcccgctg gggccaccc ccttgcgtt gtctacccgc tggactttgc taggaccagg 420
 39 ttggctgtcg atgtggcag ggcgcggccag cgtgagttcc atggctctggg cgactgtatc 480
 40 atcaagatct tcaatgtca tgccgtgagg gggcttaccatgggttccaaatcgatccgt 540
 41 caaggcatca tttatctatag agtgcctac ttccggatct atgataatgc caagggatg 600
 42 ctgcctgacc ccaagaacgt gcacattttt tgagatgtca tgatgtccca gagtgtgacg 660
 43 gcagtcgcag ggctgtgtc ctaccctttt gacactgttc gtctgttagat gatgtgcag 720
 44 tccggccgaa aaggggccgaa tattatgtac acggggacag ttgactgtcg gaggaaatt 780
 45 gcaaaaacgc aaggagccaa ggccttcttc aaagggtgcct ggtccaaatgt gctgagggc 840
 46 atgggcgtg cttttgttat ggtgttat gatgatgtca aaaaatatgt ctaa 894
 48 <210> SEQ ID NO: 2
 49 <211> LENGTH: 897
 50 <212> TYPE: DNA
 51 <213> ORGANISM: Homo sapien
 53 <400> SEQUENCE: 2
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 56 gccagaaac agatcactgc agataagcaa tacaaaggca ttatagactg cgtggccgt 180
 57 attcccaagg agcaggaaat tctgtccttc tggcgcgtta acctggccaa tgcgtatcaga 240
 58 tactccccca cccaggcttca taatccgtcc ttcaaaagata aataacaagca gatcttctg 300
 59 ggtgggtgtgg acaagagaac ccagtttgg cgctactttt cagggatctt ggcattcggt 360

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60	ggtgcgcag gggccacate cctgtgttt gtgtaccctc ttgatttgc ccgtacccgt	420
61	ctagcagctg atgtggtaa agctggagct gaaagggat tccgaggct cggtgactgc	480
62	ctggtaaga tctacaata tcgtggatt aaggcgctgt accaaggctt taacgtgtct	540
63	gtgcagggtt ttatcatcta ccgagccgc tacttcgta tctatgacac tgcaaaggga	600
64	atgcttcggc atccccagaa cactcacatc gtcatcagct ggatgtatgc acagactgtc	660
65	actgtgttg cgggttgac ttcttatcca ttgacaccg ttgcgcgc catgtatgt	720
66	cagtcaaggc gcaaaggaaac tgacatcatg tacacaggca cgcttgactg ctggcgaaag	780
67	attgtctgtg atgaaggagg caaagcttt ttcaagggtt catggtccaa tggatctcaga	840
68	ggcatgggtt gtgtttgt gttgtcttg tatgtatgaaa tcaagaaggta cacataa	897
70	<210> SEQ ID NO: 3	
71	<211> LENGTH: 897	
72	<212> TYPE: DNA	
73	<213> ORGANISM: Homo sapien	
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76	atgacggAAC aggccatctc cttcgccaaa gacttcttgg ccggaggcat cgccgcgc	60
77	atctccaaAGA cggccgtggc tcgcgtcgag cgggtcaagc tgctgctgca ggtccAGCAC	120
78	gccagcaAGC agatcgccgc cgacaaggcag tacaaggcg tcgtgactg cattgtccgc	180
79	atccccAAAGG agcaggcggt gctgtcttc tggaggggca accttgcacg cgtcattcgc	240
80	tacttccca ctcaggccct caacttcgc ttcaaggatc agtacaaggca gatcttctg	300
81	gggggcgtgg acaagcacac gcgttctgg aggtactttg cggcaacct ggcctccgc	360
82	gggtgcggcgg gggcggactc cctctgttgc gtgttacccgc tggatTTGC cagaacccgc	420
83	ctggcaggcg agctggggaa gtcaggcaca gaggcgagtc tccgaggctt gggagactgc	480
84	ctgggtgaaga tcaccaagtc cgacggcatac cggggctgtt accagggtt cagtgttcc	540
85	gtgcaggcgca tcatcatcta ccggcgccg tacttcggcg tgcgtatc ggcggcaaggc	600
86	atgctcccg accccaagaa caccgcacatc gtgggtggatc ggatgtatgc gcagaccgt	660
87	acggccgtgg ccggcggtt gtcttacccc tggacacgg tgccggccgc catgtatgt	720
88	cagtccggc gcaaaggagc tgacatcatg tacacggca ccgtcgactg ttggaggaaag	780
89	atcttcagag atgagggggg caaggccttc ttcaagggtt cgtggtccaa cgtcctgcgg	840
90	ggcatgggg ggcgcctcg tgcgttcttg tacgacgagc tcaagaaggat gatctaa	897
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93	<211> LENGTH: 43	
94	<212> TYPE: DNA	
95	<213> ORGANISM: Artificial Sequence	
97	<220> FEATURE:	
98	<223> OTHER INFORMATION: PCR Primer	
100	<400> SEQUENCE: 4	
101	ttataatccg agtatgggtt atcacgtttt gagcttcata aag	43
103	<210> SEQ ID NO: 5	
104	<211> LENGTH: 43	
105	<212> TYPE: DNA	
106	<213> ORGANISM: Artificial Sequence	
108	<220> FEATURE:	
109	<223> OTHER INFORMATION: PCR Primer	
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114	<210> SEQ ID NO: 6	
115	<211> LENGTH: 43	
116	<212> TYPE: DNA	
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119 <220> FEATURE:
120 <223> OTHER INFORMATION: PCR Primer
122 <400> SEQUENCE: 6
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126 <211> LENGTH: 43
127 <212> TYPE: DNA
128 <213> ORGANISM: Artificial Sequence
130 <220> FEATURE:
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133 <400> SEQUENCE: 7
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136 <210> SEQ ID NO: 8
137 <211> LENGTH: 43
138 <212> TYPE: DNA
139 <213> ORGANISM: Artificial Sequence
141 <220> FEATURE:
142 <223> OTHER INFORMATION: PCR Primer
144 <400> SEQUENCE: 8
145 ttatatctcg agtatgacgg aacaggccat ctcccttcgcc aaa 43
147 <210> SEQ ID NO: 9
148 <211> LENGTH: 44
149 <212> TYPE: DNA
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152 <220> FEATURE:
153 <223> OTHER INFORMATION: PCR Primer
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159 <211> LENGTH: 21
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163 <220> FEATURE:
164 <223> OTHER INFORMATION: Sequence primer
166 <400> SEQUENCE: 10
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172 <213> ORGANISM: Artificial Sequence
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175 <223> OTHER INFORMATION: Sequence primer
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182 <212> TYPE: DNA
183 <213> ORGANISM: Artificial Sequence
185 <220> FEATURE:
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186 <223> OTHER INFORMATION: Mutagenic oligonucleotide primer
188 <400> SEQUENCE: 12
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194 <213> ORGANISM: Artificial Sequence
196 <220> FEATURE:
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207 <220> FEATURE:
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215 <212> TYPE: DNA
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247 <211> LENGTH: 18
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249 <213> ORGANISM: Artificial Sequence
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252 <223> OTHER INFORMATION: Sequencing primer

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268 <210> SEQ ID NO: 20
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270 <212> TYPE: DNA
271 <213> ORGANISM: Artificial Sequence
273 <220> FEATURE:
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277 acttcgcctt caccgata 18
279 <210> SEQ ID NO: 21
280 <211> LENGTH: 18
281 <212> TYPE: DNA
282 <213> ORGANISM: Artificial Sequence
284 <220> FEATURE:
285 <223> OTHER INFORMATION: Sequencing primer
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288 tacggccaag ggcatattc 18
290 <210> SEQ ID NO: 22
291 <211> LENGTH: 18
292 <212> TYPE: DNA
293 <213> ORGANISM: Artificial Sequence
295 <220> FEATURE:
296 <223> OTHER INFORMATION: Sequencing primer
298 <400> SEQUENCE: 22
299 tgaagcggaa gttcctat 18
301 <210> SEQ ID NO: 23
302 <211> LENGTH: 18
303 <212> TYPE: DNA
304 <213> ORGANISM: Artificial Sequence
306 <220> FEATURE:
307 <223> OTHER INFORMATION: Sequencing primer
309 <400> SEQUENCE: 23
310 atgcgggttc ccgtacga 18
312 <210> SEQ ID NO: 24
313 <211> LENGTH: 31
314 <212> TYPE: DNA
315 <213> ORGANISM: Artificial Sequence
317 <220> FEATURE:
318 <223> OTHER INFORMATION: Mutagenic oligonucleotide primer
320 <400> SEQUENCE: 24

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/393,441 DATE: 10/23/2000
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